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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/785,960

02/16/2001

Yilin Zhao

CS90038

2853

7590

06/15/2009

Motorola, Inc.  
Intellectual Property Dept. (RKB)  
600 North US Highway 45, AN475  
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EXAMINER

FERGUSON, KEITH

ART UNIT

PAPER NUMBER

2618

MAIL DATE

DELIVERY MODE

06/15/2009

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 09/785,960	<b>Applicant(s)</b> ZHAO ET AL.	
	<b>Examiner</b> Keith T. Ferguson	<b>Art Unit</b> 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 11 March 2009.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) 11-24 and 27-33 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-10, 25 and 26 is/are allowed.
- 6) ☒ Claim(s) 34 and 35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 32-33 are canceled. See, applicant's amendment, on page 6, mailed March 11, 2009.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 32-35 are rejected under 35 U.S.C. 102(e) as being anticipated by Bode et al. (U.S. Patent 6,184,824).

The claimed invention reads on Bode et al. as follows:

Regarding claim 32, Bode et al. discloses a method (abstract and fig. 4) in a satellite positioning system (fig. 1) enabled wireless communication station (fig. 5), the method comprising: receiving a satellite positioning system navigation data issue identifier at the satellite positioning system enabled wireless communication station (col. 3 lines 20-37), the satellite positioning system navigation data issue identifier comprising a data frame (field)(col. 3 lines 23-33); identifying position/absolute time

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(data issue) associated with a particular satellite identifier using the satellite positioning system navigation data issue identifier (col. 3 lines 20-37).

Regarding claim 34, Bode et al. discloses a satellite positioning system (fig. 1) enabled wireless communication station (fig. 5), the method comprising: receiving a satellite positioning system navigation data issue identifier at the satellite positioning system enabled wireless communication station (col. 3 lines 20-37), the satellite positioning system navigation data issue identifier comprising a data frame (field)(col. 3 lines 23-33); identifying position/absolute time (data issue) associated with a particular satellite identifier using the satellite positioning system navigation data issue identifier (col. 3 lines 20-37).

Regarding claims 33-35, Bode et al. discloses identifying the data issue associated with the particular satellite using the data frame (field) sub-frame of the satellite positioning system navigation data issue identifier )(col. 3 lines 23-33).

#### ***Allowable Subject Matter***

4. Claims 1-10, 25 and 26 are allowed.
5. The following is a statement of reasons for the indication of allowable subject matter: Upon close review of the claims, the prior art of record and the Notice of Allowance mailed December 11, 2008, it appears that the allowance of claims 1-10, 25 and 26 is appropriate.

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chen et al. (U.S. Patent 6,611,756) discloses a method for predicting navigation information in a global positioning system (fig. 14) comprising a GPS receiver (fig. 13) for predicting navigation data (col. 4 line 64 through col. 5 line 14), wherein the navigation information comprise frames including satellite identifiers, navigation data bits and parity bits (col. 5 line 57 through col. 6 line 40).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Keith T. Ferguson whose telephone number is (571) 272-7865. The examiner can normally be reached on 6:30am-4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Maung Nay can be reached on (571) 272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Keith T. Ferguson/  
Primary Examiner, Art Unit 2618  
June 11, 2009